

10/03/23 • BIG ENERGY › NEWS

Clouds Full of Microplastics May Be Contaminating Everything We Eat and Drink

Ten million tons of plastic bits end up in the ocean, released with the ocean spray, and find their way into the atmosphere," according to researchers at Waseda University in Tokyo. This implies that microplastics may have become an essential component of clouds, contaminating nearly everything we eat and drink via "plastic rainfall."

By Common Dreams

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By Brett Wilkins

They're in the world's water, air, food and even in our blood — and now researchers in Japan have discovered microplastics in clouds, raising the specter of super-contaminating "plastic rainfall" and possibly affecting the Earth's climate.

Analyzing cloud water samples from high-altitude mountains in Japan including Mt. Fuji, researchers from Waseda University in Tokyo found nine different types of polymers and one type of rubber in the airborne microplastics (AMPs) they detected.

"Research shows that large amounts of microplastics are ingested or inhaled by humans and animals alike and have been detected in multiple organs such as lung, heart, blood, placenta, and feces," notes a summary of the study, which was originally published in the journal Environmental Chemistry Letters.

"Ten million tons of these plastic bits end up in the ocean, released with the ocean spray, and find their way into the atmosphere," the summary continues. "This implies that microplastics may have become an essential component of clouds, contaminating nearly everything we eat and drink via 'plastic rainfall.'"

Kai Heron@KaiHeron · [Follow](#)

Here's a sentence one could only read in the capitalocene:

"This implies that microplastics may have become an essential component of clouds, contaminating nearly everything we eat and drink via 'plastic rainfall'"

[aljazeera.com](#)

Japanese scientists find microplastics are present in clouds

Japanese scientists have found between 6.7 and 13.9 pieces of microplastic in each litre of cloud water tested.

7:09 AM · Sep 28, 2023



3.6K



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Earlier this year, researchers from the Indian Institute of Technology, Patna discovered AMPs in the city of Patna's rainwater, with polyethylene, terephthalate and polypropylene being the most common polymers found.

The CHD Bus

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In the Japanese study, the researchers found that “the presence of hydrophilic (water-loving) polymers in the cloud water was abundant, suggesting that they were removed as ‘cloud condensation nuclei.’”

“These findings confirm that AMPs play a key role in rapid cloud formation, which may eventually affect the overall climate,” they added.

Accumulation of AMPs in the atmosphere — especially around the Earth’s poles — could also upset the planet’s ecological balance, with devastating effects on biodiversity.

“AMPs are degraded much faster in the upper atmosphere than on the ground due to strong ultraviolet radiation, and this degradation releases greenhouse gases and contributes to global warming,” Waseda University professor Hiroshi Okochi, who led the study, said in a statement. “As a result, the findings of this study can be used to account for the effects of AMPs in future global warming projections.”

“If the issue of ‘plastic air pollution’ is not addressed proactively, climate change and ecological risks may become a reality, causing irreversible and serious environmental damage in the future,” Okochi added.

Originally published by Common Dreams.

Brett Wilkins is a staff writer for Common Dreams.

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CreoleGumbo

11 days ago

And all the idiots who wore those masks got to inhale microplastic all day, everyday that they wore them.

90

Reply • Share ›

M

Michael Eichel

↗ CreoleGumbo

6 days ago

Here in Christchurch, New Zealand many people still do! Even outside!

00

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N

Newsworthy

12 days ago

Over the past year I have noticed random, tiny bits of plastic in my mouth and nasal passages. I live in area with extreme chemtrail activity. This explains it, I knew something very nefarious was going on with these plastic parts, let alone the chemicals they coat us with daily.

6 0 Reply • Share ›

T

tony → Newsworthy

11 days ago

Ditto. Go to [geoengineeringwatch.org](https://www.geoengineeringwatch.org) for the truth about weather/climate manipulation. It's been going on since just after ww2

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**Bella_Fantasia** → tony

11 days ago edited

Absolutely, Tony. Not to ignore the oceanic garbage patch, one would think the Japanese scientists should know that the nano-sized metals, polymers and polymer coated nano-aluminum begin in the atmosphere with deliberation. China has set up 500 or so smoking chimneys on the formerly pristine Alpine Tibetan steppes, spreading filthy condensation nuclei for rainmaking.

It takes a long time for plastics to degrade into nano-size bits. The documentary "The Dimming" is solid proof of the nastiness that is being spread atmospherically.

<https://www.geoengineeringw...>

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**Ektor**

11 days ago

Then all the idiots putting this junk in the atmosphere are breathing it also. Maybe not fauci...Mr. Maskhole.

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D

Donna Sheehan

12 days ago

So glad we've got all this knowledge of nefarious acts, yet we're still allowing it to continue with NO end in sight. We're good with Chemtrails, Oil spills, Water bottling pollution and deaths in foreign countries, Politicians giving Big Pharma Immunity from Liability with their track record, and Perpetual Wars. We The People aren't represented by our Representatives .Money 💰 has been there influence and staying in office

5 0 Reply • Share ›

**Robert Sagramati** → Donna Sheehan

K

11 days ago

Agree Donna, I really don't understand the "silence" and inactivity on behalf of the people against the Tyrant's destruction of society in order to achieve their power grab scheme. Then again, they've had the "Time" to prepare all this quietly, secretly while keeping the pop. "rimbambalated" (Bamboozed) with Psy-Ops "distractions" while they set up the foundation of the Totalitarian regimes they want to implement!! THIS is already WW3 going on "silently"! Hopefully, when there will be no food on the table, maybe people will WAKE UP!!

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R

Robert Sagramati

11 days ago

Basically, WE ARE ALREADY in the middle of WW3, BUT WITH NO WEAPONS, yet. With all that's going on right now, this is keeping the population "busy" with all the Propaganda and other distracting issues (School Grooming, Lgbtq, Climate, etc. etc) while the tyrants secretly, quietly and rapidly (now are stepping up the processes) implementing their global power grab. We need to stop and realize on what's really going on since, all this will lead to the destruction of a country that has been at war, since the outcomes and consequences are the same as in War. Government, Social, Economic, Environmental, Health, Education, etc. ALL being disrupted and coming down just like it happens during a conflict, so basically all this is presently happening under our noses, without the majority realizing it, ...YET!!

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T

tony

→ Robert Sagramati

11 days ago

War has always been the response when a country's currency is about to collapse. America will be no different. Thanks Joe

1 0 Reply • Share ›

S

seahawk

12 days ago

Tech, I hate it. Brilliant people, what's the next baffoon idea the smart guys will come up with and award the Nobel Peace prize. And these educated boobs want to inject some concoction they made in the lab into my arm? Kiss my grits.

4 0 Reply • Share ›

S

Spevy

12 days ago

What a surprise.....Human Depopulation from every angle...

3 0 Reply • Share ›



Mary

10 days ago

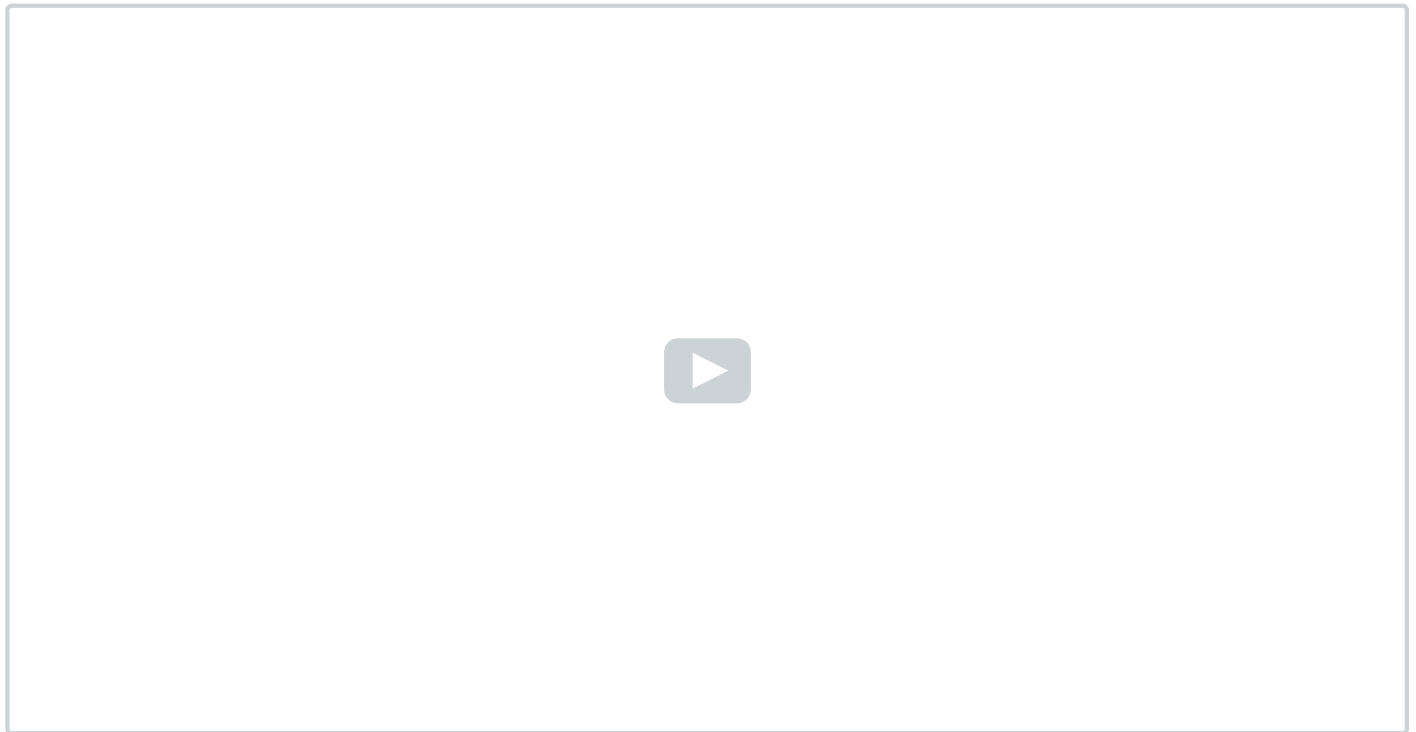
These plastics along with other toxins are being dumped from the skies. These are the "chem trails" we see most days as streaks across the skies flowing from the back of jets as they cross the skies.

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OBVIOUS

12 days ago



George Carlin: Earth with Plastic

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MICHAEL

7 days ago

DON'T FORGET WE ALSO HAVE MICRO-ALUMINUM PARTICLES IN THOSE CLOUDS AS WELL. NOT SURE WHICH ONE WILL KILL YOU FIRST.

1 0 Reply • Share ›

T

Tom Zee

8 days ago

Hmm?? Chemtrails??

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1

1ofthePeople

→ Tom Zee

7 days ago

Only those older than 25 years or so, who were also paying attention will recall tan water vapor

condensation behind jets - aka 'contrails' - only extended for a few plane lengths at most, and only lasted a few moments.

Check out the info at geoengineeringwatch.org

The documentary there, 'The Diming', is very informative.

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G

Gato Libre

11 days ago

and with Hunga tonga undersea volcano in Jan 2022 we are REALLY inundated with plastics now. And the increased rainfall from the seawater thrust up into the atmosphere is giving us increased exposure to the microplastics.

We haave to stop using plastic immediately and go back to glassd or the new corn based technology

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V

Voyt Regnal

11 days ago edited

Complete RUBBISH , again by 'Common Dread'. 'Water loving' plastic..any idea what is it? And 'climate change' attached to all this...what a load of nonsense! 🤔

Dimming the Sun projects (Bill Gates involved), and other geoengineering activities - this is what 'Common Dread' should be concerned about.

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J

Joe Poisson

12 days ago

This is why I am not even slightly worried, mankind adapts, we always have, always will. If you brought one of the fore Fathers here for one day, they would die from all the contaminants.

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Adrienne42

5 days ago

Where is the environmental protection agency? Why are we supporting these government agencies which are turning a blind eye to the destruction of our planet?

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Michelle Hamilton

6 days ago

Maybe the micro-plastic comes from weather manipulation and cloud seeding.

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Windy

11 days ago

Originally published by Communist Dreams.

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1

1ofthePeople

→ Windy

7 days ago

Or cellophane- which is made of cellulose, the main structural component of plants.

Making it is a chemical-intensive process, but cellulose is biodegradable.

From Wikkipedia:

"Cellophane is compostable and biodegradable, and can be obtained from biomaterials. Production, however, uses carbon disulfide (CS₂), which has been found to be highly toxic to workers..."

Better yet is a return to glass and metal, which are infinitely recyclable, and paper, which can be made without synthetic chemicals using regenerative practices.

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